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APPLICATION NO.	FILING DATE	FIRST NAMED INVENTOR	ATTORNEY DOCKET NO.	CONFIRMATION NO.
10/599,036	09/18/2006	Teruo Amoh	20239/0204318-US0	3301
7278 7590 10/29/2009 DARBY & DARBY P.C. P.O. BOX 770 Church Street Station New York, NY 10008-0770				
EXAMINER BELOUSOV, ALEXANDER				
ART UNIT 2894		PAPER NUMBER		
MAIL DATE 10/20/2009		DELIVERY MODE PAPER		

Please find below and/or attached an Office communication concerning this application or proceeding.

The time period for reply, if any, is set in the attached communication.

DETAILED ACTION

Response to Arguments

1. Applicant's arguments filed on 09/18/2009 have been fully considered but they are not persuasive.
2. **Regarding claim 1**, the Applicant argues on pages 5 and 6 that the Ishii does not teach a *metal film* with particular roughness and particle diameter, but teaches a *substrate* instead having certain "surface roughness" and "flatness".

The Applicant is almost correct. The Ishii reference does not *explicitly state* the claimed limitations for the metal film. As the Examiner makes clear in his rejection, the claimed invention is obvious in light of the Ishii reference, and is not anticipated by it. In his obviousness rejection the Examiner relies on teachings and suggestions provided by Ishii and by the Japanese Industrial standards discussed in Ishii, in order to make his obviousness rejection. All of the Applicant's arguments that follow hinge on the above point. Again, the Examiner relies on *clearly stated* suggestions and teachings of Ishii, in order to explain why the metal film would benefit from the teachings with regard to the substrate.

Conclusion

1. Any inquiry concerning this communication or earlier communications from the examiner should be directed to Alexander Belousov whose telephone number is 571-270-3209. The examiner can normally be reached on Monday - Thursday 7:30AM - 5:00PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's supervisor, Kimberly Nguyen can be reached on 571-272-2402. The fax phone number for the organization where this application or proceeding is assigned is 571-273-8300.

Information regarding the status of an application may be obtained from the Patent Application Information Retrieval (PAIR) system. Status information for published applications may be obtained from either Private PAIR or Public PAIR. Status information for unpublished applications is available through Private PAIR only. For more information about the PAIR system, see <http://pair-direct.uspto.gov>. Should you have questions on access to the Private PAIR system, contact the Electronic Business Center (EBC) at 866-217-9197 (toll-free). If you would like assistance from a USPTO Customer Service Representative or access to the automated information system, call 800-786-9199 (IN USA OR CANADA) or 571-272-1000.

/Alexander Belousov/
Examiner, Art Unit 2894
10/14/2009

/Kimberly D Nguyen/
Supervisory Patent Examiner, Art Unit 2894